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(19) **United States**(12) **Patent Application Publication****Crowe, Jr. et al.**(10) **Pub. No.: US 2021/0324050 A1**(43) **Pub. Date: Oct. 21, 2021**(54) **HUMAN MONOCLONAL ANTIBODIES THAT
NEUTRALIZE PANDEMIC GIL4
NOROVIRUSES**(71) Applicants: **Vanderbilt University**, Nashville, TN
(US); **BAYLOR COLLEGE OF
MEDICINE**, Houston, TX (US)(72) Inventors: **James E. Crowe, Jr.**, Nashville, TN
(US); **Mary Estes**, Houston, TX (US)(21) Appl. No.: **17/271,843**(22) PCT Filed: **Aug. 27, 2019**(86) PCT No.: **PCT/US2019/048231**

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ABSTRACT

The present disclosure is directed to antibodies binding to and neutralizing norovirus and methods for use thereof. Thus, in accordance with the present disclosure, there is provided a method of detecting a norovirus infection in a subject comprising (a) contacting a sample from the subject with an antibody or antibody fragment having clone-paired heavy and light chain CDR sequences; and (b) detecting norovirus in the sample by binding of the antibody or antibody fragment to a norovirus antigen in the sample.

Specification includes a Sequence Listing.**D**